April-12-13 8:14:02 AM

\*99849\*

Page 1

Item ID: 646.3610 Accept \*N900040100\* Setup Start **Revision ID:** Item Name: Filler **Start Date: Start Qty: 10.00** 5/24/13 Cust Item ID: Required Date: 5/24/13 Req'd Qty: 10.00 **Customer:** Reference: Run **Approvals:** Process Plan: MUS Date: 13-04-17 Tooling: Date: Stop Date: \_\_\_\_\_ SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Accept Reject Reject Insp. Description Work Center ID Run Hours -Code Qty Qty Number Stamp Draw Nbr **Revision Nbr** 646.3600 110 0.00 HAAS CNC VERTICAL MACHINING #1 \*110\* Mill Conv Memo Conventional Milling Machine 1-Machine per DWG DWG REV: MC 2- deburr and break all sharp edges 120 QC2- Inspect parts off machine FAI/FAIB \*120\* QC Memo **Quality Control** 

|               |            |            |            |              |                           |             |        |                    |                               | DQA:         | Date                                       | :                                     |
|---------------|------------|------------|------------|--------------|---------------------------|-------------|--------|--------------------|-------------------------------|--------------|--|---------------------------------------|
| NCR: Y        | es / No    | 7          |            |              | WORK ORDER NON-O          | CONF        | ORIV   | ANCE / UPD         | PATE                          | OA Classic   | D-1-                                       |                                       |
| <del></del> . |            |            | 1          |              |                           |             |        |                    |                               | QA Closed:   | Date                                       | · · · · · · · · · · · · · · · · · · · |
| Work Orde     | er:        | (          | 1          | Ki           | DISPOSITION               |             |        |                    | AGAINST DE                    | PARTMENT     | /PROCESS                                   | CE                                    |
| Part N        |            |            |            |              | Rework Scrap              |             | M      | Skid-tube          | Crosstube Small Fab Finishing |              | Water Jet<br>d. Eng. Coor.<br>re/Packaging | Engineering Quality Other             |
| NCR N         | lo         |            |            |              | Use-as-is                 | ]   '       |        | oforming Large Fab | Composite                     | Rec/stor     | Supplier                                   | J                                     |
| Root          |            |            |            | Descrip      | tion of work order update | Init        | ial    | Acti               | on                            | Sign &       |  |                                       |
| Cause         | Date       | Step       | Qty        | 0            | r Non-conformance         | Chief       | Eng    | Descri             | iption                        | Date         | Verification                               | QC inspector                          |
| Doc/Data      |            |            |            |              |                           |             |        |                    |                               |              | :  |                                       |
| quip/Tooling  |            |            | 1 1        |              |                           |             |        |                    |                               |              |  |                                       |
| Operator      |            |            | 1          |              |                           |             |        |                    |                               |              |  |                                       |
| Material      |            | 1          |            |              |                           |             | İ      |                    |                               |              |  |                                       |
| Setup         | _          |            | i I        |              |                           |             |        |                    |                               |              |  |                                       |
| Other         |            | }          |            |              |                           |             |        |                    |                               |              |  |                                       |
| Process       |            |            | '          |              |                           |             |        |                    |                               |              |  |                                       |
| Supplier      |            |            |            |              |                           |             | İ      |                    |                               |              |  |                                       |
| Training      | _          |            |            |              |                           |             | ĺ      |                    |                               |              |  |                                       |
| Unapproved    |            |            |            | <del>-</del> |                           | <u> </u>    |        |                    |                               |              |  | <u> </u>                              |
|               |            |            |            | <del></del>  |                           | AULT C      | ATEG   | ORY                |                               |              |  |                                       |
| Landir<br>[   | ng Gear    | _          | /          |              | General                   |             |        |                    |                               | Ovalized     | Γ-   | Pressure/Forced                       |
|               | Bending    | _          |            | — ⊢          | Bend                      | $\vdash$    | ain    |                    | $\vdash$                      | ╡            | -  |                                       |
|               | Centre N   | ot Conce   | ntric to C | ·            | BOM/Route                 | $\vdash$    | rdwar  |                    | <b> </b>                      | Over/Under   | F  | Temperature/Cure Weld                 |
|               | Cracks     |            |            | <b></b>      | Broken/Damaged            | _           |        | on Incomplete      | <del> </del>                  | Part Incorre |  |                                       |
|               | Crushed/   | Crimped.   |            |              | Burrs                     | <del></del> |        | ons Incomplete/U   | Inclear                       | Part Lost/M  | issing                                     | Wrong Stock Pulled                    |
|               | Cuffs      |            |            |              | Contamination             | $\vdash$    |        | nance              | <u> </u>                      | Part Moved   |  | •                                     |
| ,             | Heat Trea  |            |            |              | Countersink               | <del></del> | slabel | ed                 | -                             | Positioned V | <del></del>                                | 704                                   |
|               | Inspectio  |            | Tube       |              | Cut Too Short             | $\vdash$    | sread  |                    |                               | Power Loss/  | Surge _                                    | Other                                 |
|               | Ripples ir |            |            | ·            | Drill Holes               | <b>⊢</b> —  | fset   |                    |                               |              |  |                                       |
|               | Torque W   |            |            | <b> </b>     | Drawing                   | $\vdash$    |        | alibration         |                               |              |  |                                       |
|               | Turning S  | =          |            |              | Finish                    | <del></del> |        | equence            |                               |              |  |                                       |
| 1             | Wave/Tw    | ist in Tul | be         | 1 1          | Folio                     | I lou       | ıtside | Dimensions         |                               |              |  |                                       |

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

\*150\*

Packaging

Packaging

-lox \_\_\_\_

\*April-12-13 8:14:02 AM Item ID: 646.3610 Accept \*N900040100\* Setup Start **Revision ID:** Item Name: Filler **Start Date:** 5/24/13 Start Oty: 10.00 \*10\* Cust Item ID: Required Date: 5/24/13 Req'd Qty: 10.00 **Customer:** Reference: Start Run Process Plan: \_\_\_\_\_ Date: \_\_\_\_ Tooling: Approvals: Date: Stop QC: \_\_\_ Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool # Plan Tool ID Reject Reject Accept Insp. Work Center ID Description **Run Hours** Code Qty Qty Number Stamp 130 QC8- Inspect parts - second check 0.00 \*130\* 0.00 Memo Quality Control 140 Outsource process-Anodize per QSI017 4.1.10.1 0.00 \*140\* CZ 13/05/28 10 Outsource4 0.00 Memo Issue P/O: 19997 Outsource process - Anodize Black Anodize as per Dwg 646.3800 150 Receive & Inspect for Damage & Mat'l Certs 0.00

0.00

Mėmo

| NCR:          | Yes      | / No                |           |          |                   | WORK ORDER NON-                                   | COI   | NFORM    | MANCE / UPI                             | DATE            | QA Closed:                | Date:        |                      |
|---------------|----------|---------------------|-----------|----------|-------------------|---|---|----------|---|-----------------|---------------------------|--------------|----------------------|
| Work Ord      | ar.      |                     |           |          |                   | DISPOSITION                                       |   |          |   | AGAINST DE      | PARTMENT                  | /PROCESS     |                      |
| Part I        | No.      |                     |           |          |                   | Rework<br>Scrap<br>Use-as-is<br>Work Order Update | Scrap Machining Small Fie-as-is Thermoforming Finishi |          | Crosstube Small Fab Finishing Composite | Pro<br>Rec/Stoi | Engineering Quality Other |              |                      |
| D 4           |          | ŕ                   | [         | Γ        | Descri            | ption of work order update                        |   | Initial  | ^ ct                                    | tion            | Sign &                    |              |                      |
| Root<br>Cause |          | Date                | Step      | Qty      | 1                 | or Non-conformance                                |   | nief Eng |   | ription         | Date                      | Verification | QC Inspector         |
| Doc/Data      |          | Dute                | otep.     | ~.,      |                   |   | +-  |          |   |                 |                           |              |                      |
| Equip/Tooling |          |                     |           |          |                   |   |   |          |   |                 |                           | ,            |                      |
| Operator      |          |                     |           |          |                   | ·   |   |          |   |                 |                           |              |                      |
| Material      |          |                     |           |          |                   |   |   |          |   |                 |                           |              |                      |
| Setup         |          |                     |           |          |                   |   |   |          |   |                 |                           |              |                      |
| Other         |          |                     |           |          |                   |   |   |          |   |                 |                           |              |                      |
| Process       |          |                     |           |          |                   |   | ļ   |          |   |                 |                           |              |                      |
| Supplier      |          |                     |           |          |                   |   |   |          |   |                 |                           |              |                      |
| Training      |          |                     |           |          |                   |   |   |          |   |                 |                           |              |                      |
| Unapproved    |          |                     | İ         | <u> </u> | ŀ                 |   |   |          |   |                 | <u>L</u>                  |              |                      |
|               |          |                     |           |          | <u>.</u>          |   | FAUI  | T CATE   | GORY                                    |                 |                           | <del></del>  |                      |
| Landi         |          | 1                   |           |          | _                 | General   | _   | Grain    |   |                 | Ovalized                  |              | Pressure/Forced      |
|               | -        | Bending             | -         |          | 0/5               | Bend<br>BOM/Route                                 | -   | Hardwa   |   | -               | Over/Under                | toloranco    | Temperature/Cure     |
|               | $\vdash$ | Centre No<br>Cracks | ot Concei | ntric to | <sup>0/s</sup>  - | Broken/Damaged                                    | -   | 4        | ion Incomplete                          |                 | Part Incorre              | <b>├</b>     | Weld                 |
|               | $\vdash$ | Crushed/            | Crimped   |          | -                 | Burrs   | $\vdash$  | 4        | ion incomplete<br>ions Incomplete/l     | Inclear         | Part Lost/Mi              | <del> </del> | Wrong Stock Pulled   |
|               |          | Cuffs               | ciniped.  |          | -                 | Contamination                                     | $\vdash$  | Mainte   | •                                       | - Increase      | Part Moved                |              | Twi ong stock i anca |
|               |          | Heat Trea           | ıt        |          | -                 | Countersink                                       | <b> </b>  | Mislabe  |   |                 | Positioned V              | Vrong        |                      |
|               | -        | Inspection          |           | Tube     | -                 | Cut Too Short                                     |   | Misread  |   |                 | Power Loss/               |              | Other                |
|               |          | Ripples in          |           |          |                   | Drill Holes                                       |   | Offset   |   | <u> </u>        | <b>,</b>                  | ·            |                      |
|               | П        | Torque W            |           | xtrusio  | n                 | Drawing   |   | -1       | Calibration                             |                 |                           |              |                      |
|               |          | Turning S           |           |          |                   | Finish  |   | Out of S | Sequence                                |                 |                           |              |                      |

Outside Dimensions

Date: \_\_\_

DQA:

Wave/Twist in Tube

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

170

\*170\*

Quality Control

- Inspect Spray Paint

Memo

\*99849\* Page 3 \*April-12-13 8:14:02 AM Item ID: 646.3610 Accept \*N900040100\* Setup Start **Revision ID:** Item Name: Filler Start Date: **Start Oty: 10.00** \*10\* 5/24/13 **Cust Item ID:** Req'd Qty: 10.00 Required Date: 5/24/13 \*10\* **Customer:** Reference: Run Process Plan: Approvals: Date: Tooling: Date: Stop QC: \_\_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool # Plan Tool ID Reject Accept Reject Insp. **Work Center ID** Description **Run Hours** Code Qty Qty Number Stamp 155 QC5- Inspect part completeness to step on W/O 0.00 \*155\* Memo 0.00 Quality Control 160 Spray Painting per QSI005 4.2 0.00 \*160\* CZ 13/05/28 SprayPaint 0.00 Memo Spray Painting PRIME AS PER DWG, SEE NOTE #2 125452 CARDINAL 4860-50 PRIMER BATCH:

0.00

| NCR:          | Yes      | / No       |            |          |             | WORK ORDER NON-                                   | COI      | NFORM           | MANCE / UPI                                | DATE                                    | QA Closed:   | Date:   | •                         |
|---------------|----------|------------|------------|----------|-------------|---|----------|-----------------|--|---|--------------|---|---------------------------|
| Work Ord      | er.      |            |            |          |             | DISPOSITION                                       |          |                 |  | AGAINST DE                              |              | -   |                           |
| Part I        | No.      |            | -          |          |             | Rework<br>Scrap<br>Use-as-is<br>Work Order Update |          | Thern           | Skid-tube  Machining  noforming  Large Fab | Crosstube Small Fab Finishing Composite | -1           | Water Jet d. Eng. Coor. re/Packaging Supplier | Engineering Quality Other |
| Root          | ,        |            |            |          | l           | ption of work order update                        |          | Initial         |  | ion                                     | Sign &       |   |                           |
| Cause         |          | Date       | Step       | Qty      |             | or Non-conformance                                | Cr       | nief Eng        | Descr                                      | iption                                  | Date         | Verification                                  | QC Inspector              |
| Doc/Data      | Щ        |            |            |          |             |   |          |                 |  |   |              |   |                           |
| Equip/Tooling | Ш        |            |            |          |             |   |          |                 |  |   |              | •   |                           |
| Operator      |          | :          |            |          |             |   |          |                 |  |   |              |   |                           |
| Material      |          |            | <u> </u>   |          |             |   |          |                 |  |   |              |   |                           |
| Setup         |          |            |            |          |             |   |          |                 |  |   |              |   |                           |
| Other         | <u> </u> |            |            |          |             |   |          |                 |  |   |              |   |                           |
| Process       |          |            |            | · .      |             |   |          |                 |  |   |              |   |                           |
| Supplier      |          |            |            |          |             |   |          |                 |  |   |              |   |                           |
| Training      | _        |            |            |          |             |   |          |                 |  |   |              |   |                           |
| Unapproved    | <u> </u> |            | <u> </u>   |          | 1           |   | - 0      | TCATE           | CORY                                       |   | <u> </u>     | <u> </u>                                      |                           |
|               |          |            |            |          | <del></del> |   | AUI      | LT CATE         | GURT                                       |   |              |   |                           |
| Landi         | ng (     | 1          |            |          |             | General   |          | ]:_             |  | Γ                                       | Ovalized     |   | Pressure/Forced           |
|               | -        | Bending    |            |          | o/s         | Bend<br>BOM/Route                                 | $\vdash$ | Grain<br>Hardwa |  | <del> </del>                            | Over/Under   | taloranco                                     | Temperature/Cure          |
|               | <u> </u> | Centre No  | ot Concei  | ntric to | 0/5         | 4 · · ·   | -        | ₹               |  |   |              | <del> </del>                                  | Weld                      |
|               | $\vdash$ | Cracks     | · .        |          | -           | Broken/Damaged                                    | $\vdash$ | 4               | ion Incomplete                             | (                                       | Part Incorre | <u> </u>                                      | Wrong Stock Pulled        |
|               | $\vdash$ | Crushed/   | Crimpea.   |          | -           | Burrs   | -        | -1              | ions Incomplete/l                          | Unclear                                 | Part Lost/M  | _   |                           |
|               | $\vdash$ | Cuffs      |            |          | -           | Countarink  | -        | Mainte          |  | <u> </u>                                | Part Moved   |   |                           |
|               | $\vdash$ | Heat Trea  |            | T b =    | <u> </u>    | Countersink                                       | -        | Mislabe         |  |   | Positioned V |   | Other                     |
|               |          | Inspection |            | rube     | <u> </u>    | Cut Too Short                                     | $\vdash$ | Misread         | 3  | i_                                      | Power Loss/  | Surge   | Tomer                     |
|               | -        | Ripples in |            | <b>.</b> |             | Drill Holes                                       | -        | Offset          | ^_l:b*:                                    |   |              |   |                           |
|               | 1        | Torque W   | raves in E | :xtrusio | n I         | Drawing   | 1        | TOUT OF (       | Calibration                                |   |              |   |                           |

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

April-12-13 8:14:02 AM

Page 4

Item ID: 646.3610 Accept \*N900040100\* Setup Start **Revision ID:** Item Name: Filler **Start Date: Start Qty: 10.00** 5/24/13 **Cust Item ID:** Required Date: 5/24/13 Req'd Qty: 10.00 **Customer:** Reference: Run Process Plan: Date: Tooling: Approvals: Date: Stop Date: \_\_\_\_\_ SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Reject Accept Reject Insp. Work Center ID Description **Run Hours** Qty Code Qty Number Stamp 180 Identify as per dwg & Stock Location \*180\* Packaging 0.00 Memo Packaging \*\*\*IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV\*\*\* 190 QC21- Final Inspection - Work Order Release 0.00 \*190\* QC 0.00 Memo Quality Control

|               |           |            |            |          |        |                                       |         |         |                   |  | DQ        | A:       | Date:       |                    |
|---------------|-----------|------------|------------|----------|--------|---------------------------------------|---------|---------|-------------------|--|-----------|----------|-------------|--------------------|
| NCR: \        | Yes       | / No       |            |          |        | WORK ORDER NON-C                      | O       | VFORM   | MANCE / UPI       | DATE   |           |          | <del></del> | ,                  |
|               |           |            |            |          |        | · · · · · · · · · · · · · · · · · · · |         |         |                   | and the second s | QA Close  | ed:      | Date:       |                    |
| Work Orde     | ar.       |            |            |          |        | DISPOSITION                           |         |         |                   | AGAINST D  | EPARTMEI  | NT/PRO   | CESS        |                    |
| Work Orde     |           |            |            |          |        | Rework                                | 1       |         | Skid-tube         | Crosstube  | 7         | W        | ater Jet    | Engineering        |
| Part N        | No.       |            |            |          |        | Scrap                                 | 1       |         | Machining         | Small Fab  | ] F       | rod. En  | g. Coor.    | Quality            |
|               | _         |            | ,          |          |        | Use-as-is                             |         |         | noforming         | Finishing  | Rec/S     |          | ckaging     | Other              |
| NCR N         | No        |            |            |          |        | Work Order Update                     | ]       |         | Large Fab         | Composite  |           | S        | Supplier    |                    |
| Root          |           |            |            |          | Descri | ption of work order update            |         | nitial  | Act               | ion  | Sign &    |          |             |                    |
| Cause         |           | Date       | Step       | Qty      | (      | or Non-conformance                    | Ch      | ief Eng | Descr             | ription  | Date      | Ve       | rification  | QC Inspector       |
| Doc/Data      | Ш         |            |            |          |        |                                       | ļ       |         |                   |  | Ì         |          |             | ·                  |
| Equip/Tooling |           |            |            |          |        |                                       |         |         |                   |  |           |          | •           |                    |
| Operator      | Ц         |            |            |          |        |                                       |         | ·       |                   |  |           |          |             |                    |
| Material      |           |            |            |          |        |                                       |         |         |                   |  |           |          |             |                    |
| Setup         | Ш         |            |            |          |        |                                       |         |         |                   |  |           |          |             |                    |
| Other         |           |            |            |          |        |                                       |         |         |                   |  |           |          |             |                    |
| Process       |           | *,         |            |          |        |                                       |         | ,       |                   |  |           | İ        |             | į                  |
| Supplier      |           |            |            | ]        |        |                                       |         |         |                   |  |           | 1        |             |                    |
| Training      |           |            |            |          |        |                                       | ļ       |         |                   |  |           |          |             |                    |
| Unapproved    |           |            |            |          |        |                                       |         |         |                   |  |           |          |             |                    |
|               |           |            |            |          |        | F.                                    | AUI     | T CATE  | GORY              |  |           |          |             | <del></del>        |
| Landi         | ng G      | ear        |            |          |        | General                               |         | 7       |                   | _  | _         |          |             | 1                  |
|               |           | Bending    |            |          |        | Bend                                  |         | Grain   |                   | L  | Ovalized  |          |             | Pressure/Forced    |
|               | Ľ         | Centre No  | ot Concer  | ntric to | o/s    | BOM/Route                             | _       | Hardwa  |                   | ļ  | Over/Un   |          | ance        | Temperature/Cure   |
|               | LJ'       | Cracks     |            |          |        | Broken/Damaged                        | <u></u> | 1 '     | on Incomplete     | ļ  | Part Inco |          |             | Weld               |
| ₹.,           | $\square$ | Crushed/   | Crimped.   |          |        | Burrs                                 |         | -       | ions Incomplete/l | Jnclear  | Part Lost | _        | <u> </u>    | Wrong Stock Pulled |
|               |           | Cuffs      |            |          |        | Contamination                         |         | Mainte  |                   | _  | Part Mov  |          |             |                    |
|               |           | Heat Trea  | t          |          |        | Countersink                           |         | Mislabe |                   |  | Positione |          |             | 7                  |
|               |           | Inspection | n Strip in | Tube     |        | Cut Too Short                         |         | Misread | i                 |  | Power Lo  | ss/Surge | ·           | Other              |
|               |           | Ripples in | Bend       |          |        | Drill Holes                           |         | Offset  |                   |  |           |          |             |                    |

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

## **Picklist Print**

April-12-13 8:14:06 AM

Work Order ID: 99849

Parent Item:

646.3610

Parent Item Name: Filler

\*99849\*

\*646 3610\*

**Start Date:** 5/24/13

Required Date: 5/24/13

Page 1

**Start Qty:** 10.00

Required Qty: 10.00

Comments:

IPP REV:A NEW ISSUE 12-10-22 JLM VERIFIED:DD

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch     | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------|------------------------|-------------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| M7075T6B1.000X1.000             |                        | Purchased         | No          |                     | +,               |                 | f                  | 10.4000        | ·           | 4.105263     |               |                |        |
| *M7075T6                        | R1 000                 | $\mathbf{Y}1$ 000 | *           |                     |                  |                 |                    |                | **          |              |               |                |        |

7075 T6 BAR 1.00 x1.00

Location Loc Qty Loc Code MAT049 10.4 124079 10.4

OX13/05/12

| NCR: Y        | es / No                                      |             |            |                                       | WORK ORDER NON-O               | CONFOR    | MANCE / UP          | DATE                |              |                            |                     |
|---------------|--|-------------|------------|---------------------------------------|--------------------------------|-----------|---------------------|---------------------|--------------|----------------------------|---------------------|
|               |  |             |            |                                       |                                |           |                     |                     | QA Closed:   | Date:                      |                     |
| Work Orde     | er:  |             |            | · · · · · · · · · · · · · · · · · · · | DISPOSITION                    | ,         | [ <b></b>           | AGAINST DE          | PARTMENT,    |                            | ,                   |
| Part N        | lo   |             |            |                                       | Rework<br>Scrap                |           | Skid-tube Machining | Crosstube Small Fab | 4            | Water Jet<br>d. Eng. Coor. | Engineering Quality |
| NCR N         | lo   |             |            | <u> </u>                              | Use-as-is<br>Work Order Update | Ther      | moforming Large Fab | Finishing Composite | Rec/Stoi     | e/Packaging<br>Supplier    | Other               |
| Root          |  |             |            | Descri                                | ption of work order update     | Initial   | Ac                  | ction               | Sign &       |                            |                     |
| Cause         | Date   | Step        | Qty        | (                                     | or Non-conformance             | Chief Eng | Desc                | cription            | Date         | Verification               | QC Inspector        |
| Doc/Data      |  | Ī           |            |                                       |                                |           |                     |                     |              | 12                         |                     |
| Equip/Tooling |  |             | 1          |                                       |                                |           | }                   |                     |              |                            |                     |
| Operator      |  |             | ]          |                                       |                                |           |                     |                     |              |                            |                     |
| Material      |  |             |            |                                       |                                |           |                     |                     |              |                            |                     |
| Setup         |  |             |            |                                       |                                |           |                     |                     |              |                            |                     |
| Other         |  |             |            |                                       |                                |           |                     |                     |              | ·                          | ·                   |
| Process       |  |             |            |                                       |                                | İ         |                     |                     |              |                            |                     |
| Supplier      |  |             | ]          |                                       |                                |           |                     |                     |              |                            |                     |
| Training -    | <u>.                                    </u> |             |            |                                       |                                |           |                     |                     |              |                            |                     |
| Unapproved    | Ÿ  | <u> </u>    | <u> </u>   |                                       |                                |           |                     |                     |              |                            |                     |
|               |  |             |            |                                       | · F                            | AULT CAT  | EGORY               |                     |              | <u> </u>                   |                     |
| Landi         | ng Gear                                      |             |            |                                       | General                        |           |                     | <b></b>             | 7            | _                          | <b>-</b>            |
|               | Bending                                      |             |            | L                                     | Bend                           | Grain     |                     |                     | Ovalized     | ·                          | Pressure/Forced     |
|               | Centre N                                     | ot Conce    | ntric to C | )/S                                   | BOM/Route                      | Hardw     | are                 | 1_                  | Over/Under   | <b>├</b>                   | Temperature/Cure    |
| -             | Cracks                                       |             |            |                                       | Broken/Damaged                 | ⊢ :       | tion Incomplete     | ļ                   | Part Incorre | <b></b>                    | Weld                |
| .*            | Crushed/                                     | 'Crimped    |            |                                       | Burrs                          | <b>⊢</b>  | ctions Incomplete,  | /Unclear            | Part Lost/M  | issing                     | Wrong Stock Pulled  |
|               | Cuffs  |             |            |                                       | Contamination                  | Main      | tenance             |                     | Part Moved   |                            |                     |
|               | Heat Trea                                    | at          |            |                                       | Countersink                    | Mislat    | peled               |                     | Positioned \ |                            | ~                   |
|               | Inspectio                                    | n Strip in  | Tube       |                                       | Cut Too Short                  | Misre     | ad                  |                     | Power Loss,  | 'Surge                     | Other               |
|               | Ripples in                                   | n Bend      |            |                                       | Drill Holes                    | Offset    |                     |                     |              |                            |                     |
|               | Torque V                                     | Vaves in I  | xtrusion   |                                       | Drawing                        | Out of    | f Calibration       |                     |              |                            |                     |
|               | Turning S                                    | Sequence    |            |                                       | Finish                         | Out of    | f Sequence          |                     | <del></del>  |                            |                     |
|               | Wave/Tw                                      | vist in Tul | эe         |                                       | Folio                          | Outsid    | de Dimensions       |                     |              |                            |                     |

DQA:\_

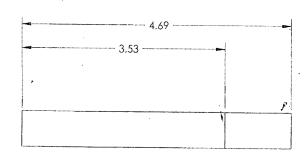
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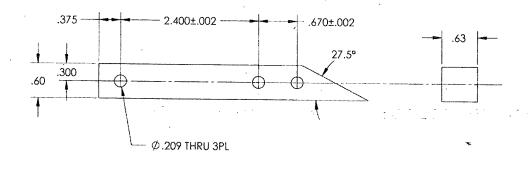
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INSEL JARO ANDÉTICAM ME A-6625 LYPE JE CLASSICA GEORIBIACIE CARDINAL 4866-50 PRETIREATMENT PRIMER PRIME FAW ME-P-23377 LYPE ECLASSIN

. Ostopia i vina markine i delige i grandi. Vinga kane i

- 3. DEBURR AND BREAK ALL SHARP EDGES
- 4. IDENTIFY IAW MPP-120







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WOP 99849 MLJ

13-0417

|    |     |                           |      |            | •  |  |          |            |
|----|-----|---------------------------|------|------------|--|--|----------|------------|
|    |     |                           |      | 646.3610 F |  | FILLER                                       | Δ        | (A)        |
| L  |     |                           | FIND | #          | PART#  | DESCRIPTION                                  | MATE     | SPEC.      |
| 1. | OTY |                           |      |            |  | PARIS LIST                                   |          |            |
|    |     | NEXT ASSY (S)<br>646.4000 |      | DAX<br>L H | MAG APPOVAL<br>LIBOTOS<br>HRACINO.   | 2608 TEMPLE HE<br>OCEANSIDE, CA              |          |            |
| _  |     | DES                       |      |            | LEST CONFERENCE SPECIAL<br>RINGORS ARE PLANCES<br>PRANCES ARE<br>SPANCES ARE<br>SPANCES ARE<br>SPECIAL STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET STORY<br>SEET | STE CAGE CODE DWG I<br>B 07MZ6<br>SCALE NONE | 646.3600 | PEV<br>N/C |

| DART AEROSPACE LTD              | Work Order:  | 99849       |
|---------------------------------|--------------|-------------|
| Description: FILLER             | Part Number: | 646.3610    |
| Inspection Dwg: 646.366Rev: N/C |              | Page 1 of 1 |

# FIRST ARTICLE INSPECTION CHECKLIST

| Drawing<br>Dimension | Tolerance                | Actual<br>Dimension | Accept | Reject | Method of<br>Inspection | Comments |
|----------------------|--------------------------|---------------------|--------|--------|-------------------------|----------|
| 4.69                 | ± . 6/0                  | 4.686               | X      |        | caliper                 | CUC-03   |
| 4.69<br>27.5°        | ± .6/0<br>± .5°          | 27.1°               | X      |        | Disi ansic              |          |
| - 60                 | op. ±                    | - 601               | X      |        | Caliper                 | crc-07   |
| . 63                 | 0b. ±<br>0lo. ±<br>200,± | . 631               | χ      |        | Caliper                 | CUC-09   |
| .300                 | ±085                     | ° 71c               | X      |        | calibar                 | cuc-07   |
| ·375                 | £.00\$                   | . 376               | χ      |        | Caliper                 | cuc-07   |
| 2.4                  | £.00}                    | 2-401               | X      |        | Culiper                 | Cnc-02   |
| •67                  | £.002                    | .673                | Х      |        | Caliper                 | Cnc-02   |
|                      |                          |                     |        |        |                         |          |
|                      |                          |                     |        |        |                         |          |
|                      |                          |                     |        |        |                         |          |
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|                      |                          | -                   |        |        |                         |          |
|                      |                          | •                   |        |        |                         |          |
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|                      |                          |                     |        |        |                         |          |
|                      |                          |                     |        |        |                         |          |
|                      |                          |                     |        | -      | <u> </u>                |          |
|                      |                          |                     |        |        |                         |          |

| Measured by: MH | Audited by:   | Preliminary Approval: |  |
|-----------------|---------------|-----------------------|--|
| Date: 13/05/12  | Date: 13-5-13 | Date:                 |  |

| Rev | Date     | Change                     | Revised by | Approved |
|-----|----------|----------------------------|------------|----------|
| E   | 10.04.14 | Added preliminary approval | KJ         |          |



A.T.G. Industries Inc. 731, rue Industrielle Rd. PLATING DEPARTMENT Rockland, On K4K 1T2 Canada

Ph: (613) 446-4544 Fax: (613) 446-4556

# Pack List

Number: 62433

Date: 06-Jun-13

То

DART AEROSPACE LTD 1270 ABERDEEN ST. HAWKESBURY, ON K6A 1K7 Canada Ship To

DART AEROSPACE LTD 1270 ABERDEEN ST. HAWKESBURY, ON K6A 1K7 Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

| Terms    |   | Ship Via         |       |         |
|----------|---|------------------|-------|---------|
|          |   |                  |       |         |
| Quantity | Description   |                  |       |         |
| 1<br>lot | Part: ASST  10 PCS 646.3310 10 PCS 646.3312 10 PCS 646.3313                   | *                | Rev:  |         |
|          | HARD ANODIZE BLACK MIL-A-8625 TYPE III CLASS 2 PRIME MIL-P-23377J TYPE I CLAS | C N              |       |         |
|          | Job: 20130348   | S N<br>PO: 19997 | Line: |         |
|          |   |                  |       |         |
|          |   |                  |       |         |
| 1<br>lot | Part: ASST 20 PCS 646.3712  |                  | Rev:  | ~       |
|          | 20 PCS 646.3712<br>20 PCS 646.3716<br>19 PCS 646.3711                         |                  |       |         |
| ,        | HARD ANODIZE BLACK<br>MIL-A-8625 TYPE III CLASS 2                             |                  |       | B-6-le- |
|          | PRIME MIL-P-23377J TYPE I CLAS<br>12 PCS D4703-043                            | SN               | 88    | 15-6    |
|          | BLACK ANODIZE<br>MIL-A-8625 TYPE II CLASS 2<br>Job: 20130347                  | PO: 20070        | Line: |         |
|          | Certificate of Conf   | ormance          |       |         |
|          |   | Page 1 of 2      |       |         |



A.T.G. Industries Inc. 731, rue Industrielle Rd. PLATING DEPARTMENT Rockland, On K4K 1T2 Canada

Ph: (613) 446-4544 Fax: (613) 446-4556

## Pack List

Number: 62433

Date: 06-Jun-13

То

DART AEROSPACE LTD 1270 ABERDEEN ST. HAWKESBURY, ON K6A 1K7. Canada Ship To

DART AEROSPACE LTD 1270 ABERDEEN ST. HAWKESBURY, ON K6A 1K7 Canada

|                                    |  | j                  | į                          |                   |
|------------------------------------|--|--------------------|----------------------------|-------------------|
| Ph: 613-632-5200 Fax: 613-632-1185 |  |                    | Ph: 613-632-5200           | Fax: 613-632-1185 |
| Terms                              |  | Ship Via           |                            |                   |
|                                    |  |                    |                            |                   |
| Quantity                           | Description  | <u> </u>           |                            |                   |
|                                    | A.T.G. Industries certifies that all items with all requirements, specifications and ISO 9001: 2008 REC ATG SALES-2010 TE DATE: 6/6//3  CERTIFIED SIGNATURE: RECEIVER SIGNATURE: | d drawings referen | ced in the purchase order. |                   |
|                                    | 1  |                    |                            |                   |

#### \*\*\*OUTSTANDING PO REPRINT\*\*\*

#### Purchase Order ID PO19997

Purchase Order Date 5/28/2013 PO Print Date 6/6/2013

Page Number 3 of 4

-Order From :

VC-ATG001

A.T.G. INDUSTRIES INC. 731 INDUSTRIELLE ROAD ROCKLAND, ON K4K 1T2 **CANADA** 

Contact Name

Vendor Phone

613-446-4544

Vendor Fax

613-446-4556

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency **FOB** 

CAD Destination-Collect

Line Nbr Reference

Revision ID Vendor Part Number Description/ Mfg ID

Req Date/ Taxable Req Qty

**Unit Price** 

**Extended Price** 

CLASS 2, COLOR BLACK

FINISH: PRIME AS PER IAW MIL-P-23377J TYPE I CLASS N

99849

646.3610 FILLER

6/7/2013 Yes

\$12.4625

\$124.63

Special Inst:

FINISH BLACK ANODIZE PER IAW MIL-A-8625 TYPE III,

CLASS 2, COLOR BLACK

FINISH: PRIME AS PER IAW MIL-P-23377J TYPE I CLASS N

Line Total:

\$124.63

5013-le-le

6

99920

646:9810 DEFLECTOR

6/7/2013

Yes

5.00

\$0.0000

\$0.00

Special Inst:

FINISH BLACK ANODIZE PER IAW

MIL-A-8625 TYPE III,

CLASS 2, COLOR BLACK

Line Total:

\$0.00